



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H140384

**Mode:** Highway

**Status:** Submitted

### US-15, US-501, NC-211

**From/Cross Street:** US 1 (Sandhills Blvd)

**Specific Improvement Type:** 11 - Access Management

**To:** Brucewood Rd in Southern Pines

**Project Category:** Regional Impact

**Length:** 1.28

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$6,254,000

#### Description:

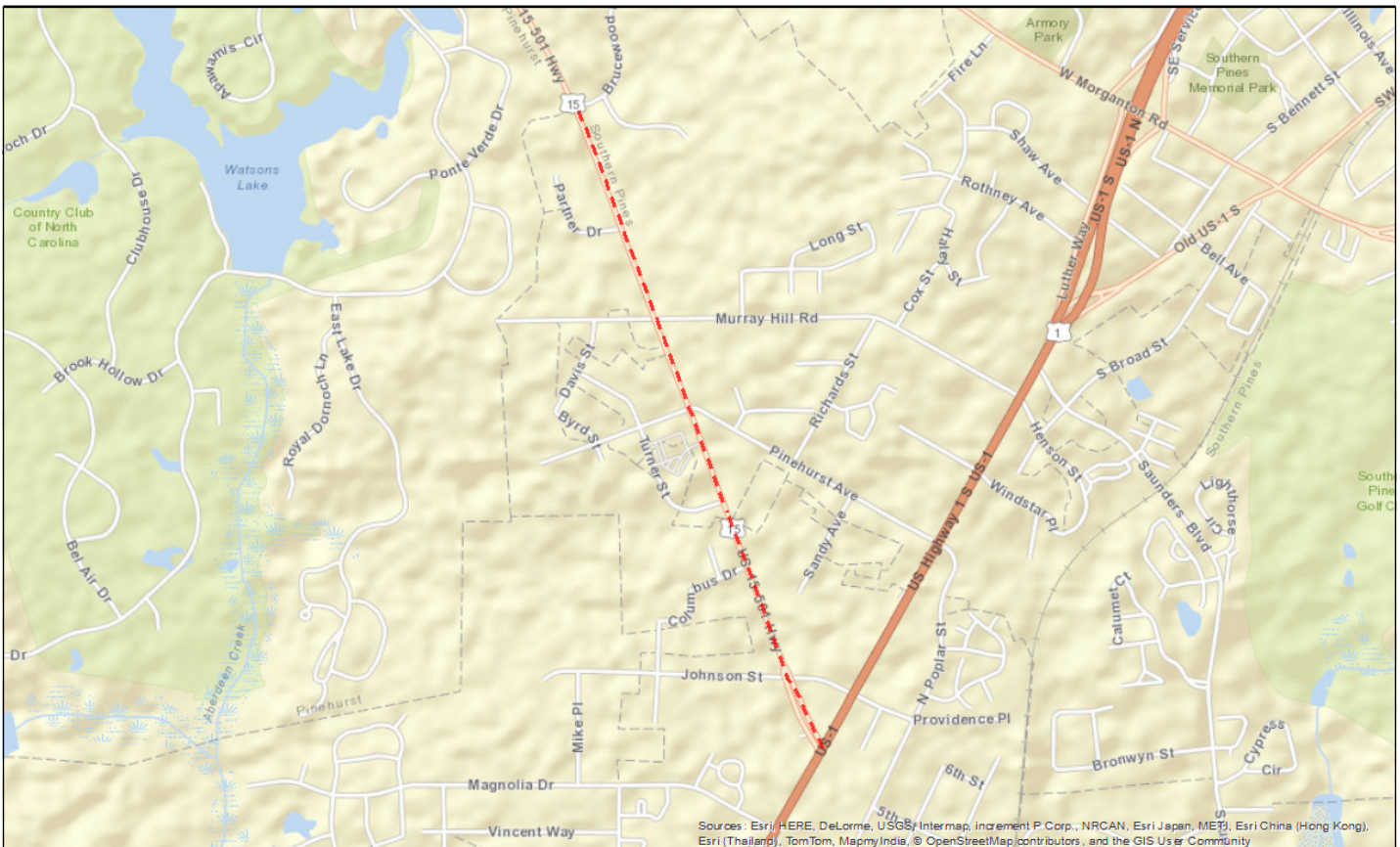
Improve current 5-lane section with addition of a median (access management improvements)

**Division(s):** Division 8

**County(s):** MOORE

**MPOS(s)/RPO(s):** Triangle Area RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 54.1**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 51.77	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 75.74		
[Travel Time] Benefit/Cost (25%) 10.52		
Accessibility / Connectivity (10%) 9.53		
<b>Totals: Weight: 70% Weighted Score: 24.1</b>		

**Division Needs Total Score: 70.03**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 51.77	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 75.74		
[Travel Time] Benefit/Cost (20%) 10.52		
<b>Totals: Weight: 50% Weighted Score: 20.03</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	36
Length (miles):	1.28
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	22581.86
Capacity:	31700
Volume/Capacity Ratio:	0.71
% Autos:	97%
% Trucks:	3%
Truck Volume:	596.79
Crash Density:	84.42
Crash Severity:	61.54
Critical Crash Rate:	81.28
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	57
Actual Congested Speed:	30.88
Travel Time Index:	1.13

**Project Benefits**

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.28
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2789951.18
Travel Time Savings for 30 Years (Autos):	2716218.28
Travel Time Savings for 30 Years (Trucks):	73732.9
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Triangle Area RPO

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Triangle Area RPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$6,036,000	Cost Estimation Tool
Right-of-Way Cost:	\$195,000	Cost Estimation Tool
Utilities Cost:	\$23,000	Cost Estimation Tool
Total Project Cost:	\$6,254,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$6,254,000</b>	